

ABSTRACT OF THE DISCLOSURE

A control device for a hybrid compressor includes a motor driver for driving an electric motor, a clutch controller for driving an electromagnetic clutch
5 and an engine drive timing controller. Power is transmitted from an engine to the compressor when the electromagnetic clutch is connected. The clutch controller sets a connecting force of the electromagnetic clutch to transmit a second starting torque of the compressor. The engine drive timing controller is electrically connected to the motor driver and the clutch controller. The engine drive timing
10 controller commands the motor driver to activate the electric motor to discharge liquid refrigerant from the compression chambers to a predetermined level so that the compressor reduces its starting torque to the second starting torque before commanding the clutch controller to connect the electromagnetic clutch to transmit the power from the engine to the compressor.